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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS 3	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS 4	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS 5	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS 6	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS 7	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS 8	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS 9	NOV 26	MARPAT enhanced with FSORT command
NEWS 10	NOV 26	MEDLINE year-end processing temporarily halts availability of new fully-indexed citations
NEWS 11	NOV 26	CHEMSAFE now available on STN Easy
NEWS 12	NOV 26	Two new SET commands increase convenience of STN searching
NEWS 13	DEC 01	ChemPort single article sales feature unavailable
NEWS 14	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS 15	DEC 17	Fifty-one pharmaceutical ingredients added to PS

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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NEWS IPC8 For general information regarding STN implementation of IPC 8

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L1 254 (EGL(W) 30 OR EGL(W) 3 OR EGL(W) 8 OR RIC(W) 8)

=> s l1 and (lifespan or longevity)  
L2 2 L1 AND (LIFESPAN OR LONGEVITY)

=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3 2 DUP REM L2 (0 DUPLICATES REMOVED)

=> dis ibib abs 13 1-2

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2006:1014641 CAPLUS  
DOCUMENT NUMBER: 145:352139  
TITLE: The insulin/PI 3-kinase pathway regulates salt chemotaxis learning in *Caenorhabditis elegans*  
AUTHOR(S): Tomioka, Masahiro; Adachi, Takeshi; Suzuki, Hiroshi; Kunitomo, Hirofumi; Schafer, William R.; Iino, Yuichi  
CORPORATE SOURCE: Molecular Genetics Research Laboratory, Graduate School of Science, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku Tokyo, 113-0033, Japan  
SOURCE: Neuron (2006), 51(5), 613-625  
CODEN: NERNET; ISSN: 0896-6273

PUBLISHER: Cell Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB The insulin-like signaling pathway is known to regulate fat metabolism, dauer formation, and longevity in *Caenorhabditis elegans*. Here, the authors report that this pathway is also involved in salt chemotaxis learning, in which animals previously exposed to a chemoattractive salt under starvation conditions start to show salt avoidance behavior. Mutants of *ins-1*, *daf-2*, *age-1*, *pdk-1*, and *akt-1*, which encode the homologs of insulin, insulin/IGF-I receptor, PI 3-kinase, phosphoinositide-dependent kinase, and Akt/PKB, resp., show severe defects in salt chemotaxis learning. *Daf-2* and *age-1* act in the *ASER* salt-sensing neuron, and the activity level of the *DAF-2/AGE-1* pathway in this neuron dets. the extent and orientation of salt chemotaxis. *Ins-1* acts in *AIA* interneurons, which receive direct synaptic inputs from sensory neurons and also send synaptic outputs to *ASER*. These results suggest that *INS-1* secreted from *AIA* interneurons provides feedback to *ASER* to generate plasticity of chemotaxis.

REFERENCE COUNT: 80 THERE ARE 80 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2004:857688 CAPLUS  
 DOCUMENT NUMBER: 141:343538  
 TITLE: Neurotransmitter signaling can regulate life span in  
       Caenorhabditis elegans, and methods of identifying  
       modulators of longevity  
 INVENTOR(S): Tissenbaum, Heidi A.  
 PATENT ASSIGNEE(S): University of Massachusetts, USA  
 SOURCE: PCT Int. Appl., 87 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087888	A2	20041014	WO 2004-US9882	20040329
WO 2004087888	A3	20050310		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20050044579	A1	20050224	US 2004-813324	20040329

PRIORITY APPLN. INFO.: US 2003-459079P P 20030327

AB The invention discloses methods of identifying modulators of  
   longevity. Also discloses are organisms, cell systems, and  
   comps. for performing those methods. Further discloses are therapeutic  
   methods for the use of modulators identified according to the methods.

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LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.94	31.15
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.60	-1.60

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